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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		<i>Complete if Known</i>			
		Application Number	NEW		
		Filing Date	NEW		
		First Named Inventor	Keller, Paul E.		
		Group Art Unit			
		Examiner Name			
Sheet	1	of	4	Attorney Docket Number	50005-158

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JA		3,689,772	09/05/1972	George et al.	
		3,713,156	01/23/1873	Pothier	
		3,990,436	11/09/76	Ott	
		4,635,367	01/13/1987	Vigede	
		4,705,401	11/10/1987	Addleman et al.	
		4,737,032	04/12/88	Addleman et al.	
		5,073,782	12/17/1991	Huguenin et al.	
		5,081,456	01/14/1992	Michiguchi et al.	
		5,170,170	12/08/1992	Soumekh	
		5,227,797	07/13/1993	Murphy	
		5,227,800	07/13/1993	Huguenin et al.	
		5,274,714	12/18/1993	Hutcheson et al.	
		5,367,552	11/22/1994	Peschmann	
		5,414,803	05/09/1995	Malzbender	
		5,455,587	10/03/1995	Schneider	
		5,455,590	10/03/1995	Collins et al.	
		5,557,283	09/17/1996	Sheen et al.	
		5,600,303	02/04/1997	Husseiny et al.	

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ -Number ⁵ -Kind Code ⁶ (if known)				
JA		WO 02/17231 A2	02/28/2002	Rose Research		
		0 636 898 A1	02/01/1995	Hughes Aircraft		

Examiner Signature		Date Considered	8/16/05
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		Number-Kind Code ² (if known)			
		5,740,800	04/21/1998	Hendrickson et al.	
		5,747,822	05/05/1998	Sinclair et al.	
		5,796,363	08/18/1998	Mast	
		5,835,054	11/10/1998	Warhus et al.	
		5,857,030	01/05/1999	Gaborski et al.	
		5,859,609	01/12/1999	Sheen et al.	
		5,864,640	01/26/1999	Miramonti et al.	
		5,870,220	02/09/1999	Migdal et al.	
		5,963,667	10/05/1999	Hashimoto et al.	
		5,995,014	11/30/1999	DiMaria	
		6,018,562	01/25/2000	Willson	
		6,038,337	03/14/2000	Lawrence et al.	
		6,057,761	05/02/2000	Yuki	
		6,075,455	06/13/2000	DiMaria et al.	
		6,081,750	06/27/2000	Hoffberg et al.	
		6,324,532	11/27/2001	Spence et al.	
		6,359,582	03/19/2002	MacAleese et al.	
		6,418,424	07/09/2002	Hoffberg et al.	

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